INTRODUCTORY COMMENTS

Presented below is a complete set of claims with current status indicators. Claim 16 has been amended. Please enter the amended claim 16.

AMENDMENTS TO THE CLAIMS

1. (previously presented) A system for converting a message into a patternless encrypted message, wherein the message includes a plurality of message elements, comprising:

encryption software, which comprises an encryption substitution set, for converting the message into the patternless encrypted message, adapted to generate a table of substitutes for each message element, wherein the table is comprised of a plurality of randomly-generated set elements to be assigned to each of the plurality of message elements, and an encoding matrix which cross-multiples the message elements, to generate the patternless encrypted message, and wherein the encryption software includes multiple shiftkey replacement.

2. (original) The system of claim 1, further comprising formatting software, adapted to be applied to the patternless encrypted message for transmission thereof to a recipient.

3. (original) The system of claim 1, wherein the encryption software is the same for all users thereof.

4. (original) The system of claim 1, wherein the encryption software is calculated for each message.

5. (original) The system of claim 3, wherein the table is fixed, in that the number of substitutes for each element of the set in the multiple shiftkey replacement is fixed independent of the message, and wherein the message is in a language, and the number of set element substitutes is pre-calculated based on the language.

6. (original) The system of claim 3, wherein the encryption software is a ratio, in that the number of substitutes for each element of the set in the multiple shiftkey replacement is a ratio of the frequency of each message element in a medium.

7. (original) The system of claim 3, wherein the message is in a language, and the table generated by the encryption software is calculated based on the message language.

8. (original) The system of claim 3, wherein the table generated by the encryption software is calculated based on the message.

9. (original) The system of claim 4, wherein the encryption software is a ratio, in that the number of substitutes for each element of the set in the multiple shiftkey replacement is a ratio of the frequency of each message element in a medium.

10. (original) The system of claim 4, wherein the message is in a language, and the table generated by the encryption software is calculated based on the message language.

11. (original) The system of claim 4, wherein the table generated by the encryption software is calculated based on the message.

12. (original) The system of claim 6, wherein the medium comprises the message language.

13. (original) The system of claim 9, wherein the medium comprises the message language.

14. (original) The system of claim 9, wherein the medium comprises the message.

15. (canceled)

16. (currently amended) A method of converting a message into a patternless encrypted message, wherein the message includes a plurality of message elements, in a system which comprises encryption software, which comprises an encryption substitution set, for converting the message into the patternless encrypted message, adapted to generate a table of substitutes for each message element, wherein the table is comprised of a plurality of randomly-generated set elements to be assigned to each of the plurality of message elements, and an encoding matrix which cross-multiples the message elements to generate the patternless encrypted message, and wherein the encryption software includes multiple shiftkey replacement, wherein the method comprises:

encrypting the message into the patternless encrypted message by the encryption software <u>which includes the multiple shiftkey replacement</u>, including

generating a table of substitutes for each message element, which includes

randomly generating each of the plurality of random set elements;

assigning each of the plurality of randomly-generate<u>d</u> set elements to each of the plurality of message elements; and

cross-multiplying the message elements through the encoding matrix, to generate the patternless encrypted message.

17. (original) The method of claim 16, further comprising formatting software, adapted to be applied to the patternless encrypted message for transmission thereof to a recipient, and further comprising applying the formatting software to the patternless encrypted message for transmission thereof to a recipient.

18. (original) The method of claim 16, wherein the encryption software is the same for all users thereof, and wherein encrypting further comprises encrypting the message by the encryption software which is the same for all users thereof.

19. (original) The method of claim 16, wherein the encryption software is calculated for each message, and wherein encrypting further comprises encrypting the message by the encryption software which is calculated for each message.

20. (original) The method of claim 18, wherein the table is fixed, in that the number of substitutes for each element of the set in the multiple shiftkey replacement is fixed independent of the message, and wherein the message is in a language, and the number of set element substitutes is pre-calculated based on the language, and wherein generating further comprises generating the table of substitutes which is fixed, including fixing the number of substitutes for each element of the set in the multiple shiftkey replacement independent of the message, and pre-calculating the number of set element substitutes based on the language of the message.

21. (original) The method of claim 18, wherein the encryption software is a ratio, in that the number of substitutes for each element of the set in the multiple shiftkey replacement is a ratio of the frequency of each message element in a medium, and wherein calculating further comprises generating the table of substitutes wherein the number of substitutes for each element of the set in the multiple shiftkey replacement is a ratio of the frequency of each message element in a medium.

22. (original) The method of claim 18, wherein the message is in a language, and the table generated by the encryption software is calculated based on the message language, and wherein calculating further comprises generating the table of substitutes by the encryption software based on the message language.

23. (original) The method of claim 18, wherein the table generated by the encryption software is calculated based on the message, and wherein calculating further comprises generating the table of substitutes by the encryption software based on the message.

24. (original) The method of claim 19, wherein the encryption software is a ratio, in that the number of substitutes for each element of the set in the multiple shiftkey replacement is a ratio of the frequency of each message element in a medium, and wherein calculating further comprises generating the table of substitutes wherein the number of substitutes for each element of the set in the multiple shiftkey replacement is a ratio of the frequency of each message element in a medium.

25. (original) The method of claim 19, wherein the message is in a language, and the table generated by the encryption software is calculated based on the message language, and wherein calculating further comprises generating the table of substitutes by the encryption software based on the message language.

26. (original) The method of claim 19, wherein the table generated by the encryption software is calculated based on the message, and wherein calculating further comprises generating the table of substitutes by the encryption software based on the message.

27. (original) The method of claim 21, wherein the medium comprises the message language, and wherein calculating further comprises generating the table of substitutes wherein the number of substitutes for each element of the set in the multiple shiftkey replacement is a ratio of the frequency of each message element in the message language medium.

28. (original) The method of claim 22, wherein the medium comprises the message language, and wherein calculating further comprises generating the table of substitutes wherein the number of substitutes for each element of the set in the multiple shiftkey replacement is a ratio of the frequency of each message element in the message language medium.

29. (original) The method of claim 22, wherein the medium comprises the message, and wherein calculating further comprises generating the table of substitutes wherein the number of substitutes for each element of the set in the multiple shiftkey replacement is a ratio of the frequency of each message element in the message medium.

30. (canceled)